

Desert View Power, Inc. an affiliate of



July 13, 2020

DVP-200017

Director, Air Management Division  
Attention: A-3-3  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, California 94105-3901

Subject: Desert View Power 2nd Quarter, Quarterly Emission Report for 2020.

RE:           A-3-1  
  
              NSR 4-4-11  
  
              SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 2nd Quarter, Quarterly Emissions Report for 2020 for Desert View Power
  - Emissions summary reports for each permitted pollutant for our two boilers.
  - Excess emissions reports from each of our two CEMS.

This report covers the period from April 01, 2020 to June 30, 2020. If you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Robertson".

Jim Robertson  
Plant Manager

Desert View Power, Inc. an affiliate of



Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

# EMISSIONS SUMMARIES

## BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

**Summary Report**  
**Gaseous and Opacity Excess Emissions and**  
**Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 55.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 55.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.23%<sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
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  - d. Other known causes: 56.0 hr
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2. Total CMS downtime: 56.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29% <sup>2</sup>

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Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

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  - a. Startup/Shutdown: 0.0 hr
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Gaseous and Opacity Excess Emissions and  
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

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  - a. Startup/Shutdown: 0.0 hr
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  - d. Other known causes: 56.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 56.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.29% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 57.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 57.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.35% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.



**Summary Report  
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.  
20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330  
Opacity-Monitor Labs Inc.  
LightHawk 560

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr or  
102,120 minutes

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0 min
  - b. Control equipment problems: 0 min
  - c. Process problems: 0 min
  - d. Other known problems: 0 min
  - e. Unknown problems: 0 min
2. Total duration of excess emissions: 0 min
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0 min
  - b. Non-monitor equipment malfunction: 0 min
  - c. Quality assurance calibration: 0 min
  - d. Other known causes: 1086 min
  - e. Unknown causes: 0 min
2. Total CMS downtime: 1086 min
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.635%<sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

**Summary Report  
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
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2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 55.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 55.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.23% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 27 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1702.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
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# EMISSIONS SUMMARIES

## BOILER#2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOxppm

SOxlb/MMBtu

SOxlb/hr

SOxppm

Opacity

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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 50.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67%<sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

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Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
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boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

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  - a. Startup/Shutdown: 0.0 hr
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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
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Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

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Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
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Unit No. Reported: Boiler #2

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3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 50.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1,2020 to June 30,2020

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.  
20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330  
Opacity-Monitor Labs Inc.  
LightHawk 560

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr or  
112,200 minutes

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0 min
  - b. Control equipment problems: 0 min
  - c. Process problems: 0 min
  - d. Other known problems: 0 min
  - e. Unknown problems: 0 min
2. Total duration of excess emissions: 0 min
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0 min
  - b. Non-monitor equipment malfunction: 0 min
  - c. Quality assurance calibration: 0 min
  - d. Other known causes: 1078.0 min
  - e. Unknown causes: 0 min
2. Total CMS downtime: 1078.0 min
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.9608% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 50.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 50.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**Summary Report  
Gaseous and Opacity Excess Emissions and  
Monitoring System Performance**

Desert View Power  
62-300 Gene Welmas Drive  
Mecca, CA 92254

Reporting period dates: From April 1, 2020 to June 30, 2020

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 27 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI  
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance  
Test on  
June 3, 2020

Process unit(s) Description: Woodwaste/petroleum coke fired  
power plant. Two steam generating  
boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1870.0 hr

Emission Summary<sup>1</sup>

1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown: 0.0 hr
  - b. Control equipment problems: 0.0 hr
  - c. Process problems: 0.0 hr
  - d. Other known problems: 0.0 hr
  - e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 50.0 hr
  - e. Unknown causes: 0.0 hr
2. Total CMS downtime: 50.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.67%<sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.  
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c)' shall be submitted.

**EXCESS EMISSIONS REPORTS  
BOILER #1 CEMS**

## Boiler 1 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*



## Boiler 1 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 1 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*



## Boiler 1 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

EXCESS EMISSIONS REPORTS  
BOILER #2 CEMS

## Boiler 2 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*



## Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

## Boiler 2 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

EXCESS EMISSIONS REPORTS  
STACK CEMS

## Boilers Stack Excess Emissions

Colmac Energy

Opacity % 3-Min Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
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*There are no excess emissions for this report.*

## Boilers Stack Excess Emissions

Colmac Energy

Opacity % 6-Min Avg Excess Emissions for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
-----------	-------	-----	----------	-------	-----	-----	-------	--------	--------

*There are no excess emissions for this report.*

EMISSIONS DOWNTIME  
REPORT  
BOILER #1 CEMS



## Boiler 1 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
NOx ppm @3% O2	6/2/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
Total duration			13 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
NOx lb/mmBtu	6/2/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
Total duration			13 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
NOx lb/hr	6/2/2020 4:00 AM	4:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
Total duration			13 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/mmBtu	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO ppm @3% O2	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 1 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	4/13/2020 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	4/15/2020 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		



EMISSIONS DOWNTIME  
REPORT  
BOILER #2 CEMS

## Boiler 2 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/mmBtu	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
NOx lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
NOx lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
NOx lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
NOx lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/mmBtu	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 lb/mmBtu	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/mmBtu	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/mmBtu	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
SO2 lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
SO2 lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
SO2 lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
SO2 lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

## Boiler 2 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO ppm @3% O2	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
CO ppm @3% O2	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO ppm @3% O2	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO ppm @3% O2	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		



## Boiler 2 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	4/14/2020 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM in service.
CO lb/hr	4/26/2020 7:00 AM	7:59 AM	1 hour	Boiler Shutdown	Shutdown complete
CO lb/hr	5/28/2020 8:00 PM	11:59 PM	4 hours	Down For Calibration	Completed Calibration
CO lb/hr	5/29/2020 12:00 AM	4:59 AM	5 hours	Lost Communication	Restarted Communication
CO lb/hr	6/1/2020 11:00 AM	11:59 AM	1 hour	CGA testing	CGA testing complete
Total duration			12 hours		

**EMISSIONS DOWNTIME  
REPORT  
STACK CEMS**

## Boilers Stack CEMS Downtime

Colmac Energy

Opacity % 6-Min Avg CEMS Downtime for 4/1/2020 thru 6/30/2020

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	4/17/2020 3:30 PM	3:47 PM	18 minutes	Lost Communication	Communication back
Opacity % 6-Min Avg	5/28/2020 8:12 AM	9:11 AM	1 hour	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 9:54 AM	10:11 AM	18 minutes	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 10:18 AM	10:29 AM	12 minutes	Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 10:30 AM	11:11 AM	42 minutes	Down For Calibration	Completed Calibration
Opacity % 6-Min Avg	5/28/2020 8:12 PM	11:59 PM	3 hours, 48 minutes	Down For Calibration	Completed Calibration
Opacity % 6-Min Avg	5/29/2020 12:06 AM	12:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 1:06 AM	1:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 2:06 AM	2:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 3:06 AM	3:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	5/29/2020 4:06 AM	4:59 AM	54 minutes	Lost Communication	Restarted Communication
Opacity % 6-Min Avg	6/10/2020 5:24 AM	6:59 AM	1 hour, 36 minutes	calibrating opacity monitor	Cal complete
Opacity % 6-Min Avg	6/30/2020 5:24 AM	8:05 AM	2 hours, 42 minutes	Opacity maintenance/calibration	Maintenance/calibration completed
Total duration			15 hours, 6 minutes		